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On November 29, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David N. Fernandes et al.

Application No.: Unassigned

Filed: November 26, 2001

For: MICROFABRICATED FLUIDIC
CIRCUIT ELEMENTS AND
APPLICATIONS

Examiner: Unassigned

Art Unit: Unassigned

PRELIMINARY AMENDMENT

H. Kerson
#3 Pre
Amendment
6/12/2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE SPECIFICATION:

15:

Please insert the following paragraphs into the specification at page 3, line

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows an example of a macroscopic pressure amplification system;

FIG. 2 shows another example of a macroscopic pressure amplification system;

FIGS. 3, 4A, and 4B show a first embodiment of a microfabricated fluidic pressure amplifier (or pressure multiplier) of the present invention;

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